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SEARCH REPORT

EXPLANATIONS

Document D1 displays a corrugated structure has a first and a second linerboard, with a corrugated medium sandwiched between the first and second linerboards. An RF processor is coupled between one of the linerboards and the corrugated medium. The processor may be positioned on an inlet or label, which may also include an antenna. A method of forming a corrugated structure having an embedded RFID processor includes providing a linerboard and a corrugated medium, positioning an RF processor between the linerboard and the corrugated medium, and affixing the linerboard and corrugated medium together with the RF processor positioned there between. An assembly line for forming a corrugated structure includes a supply of a first linerboard, a second linerboard, a corrugating material stock, and inlets that have an RF processor and antenna coupled to the inlets. The assembly line also includes a corrugator, a single facer, a double facer, an inlet applicator, and a cutter. The inlet applicator is for coupling the inlets to the corrugated medium.

Document D2 describes a method and an apparatus for providing a plurality of sheets of functional labels formed by cutting respective functional materials, from each other, of a continuous body of the functional materials continuously formed with the respective functional materials formed with function parts consisting of materials non-transparent to light on a transmissible base material apart suitable intervals are continuously formed across slender cuts at a transmissible separator, by which the continuous body of the labels is formed. The method of manufacturing the continuous body of the labels includes a process step of detecting the positions of the respective functional materials by irradiating the respective functional materials with light from the transmissible separator material side and measuring the light with which the functional materials are irradiated and a process step of cutting the continuous body material of the functional materials exclusive of the transmissible separator material to put the slender cuts therein and forming the shape of the respective label.

Document D3 relates to method for producing the IC card, an IC unit consisting of an IC chip and parts including an antenna is filled between a first sheet material and a second sheet material, then cut to produce the objective IC card.